

## NEW AFRICAN SESIIDÆ.

BY WM. BEUTENMÜLLER.

**Sesia gabuna**, sp. nov.

♂. Head and antennæ black; collar black above, white at sides and beneath; palpi black above and at tip, yellowish-white beneath. Thorax black with a greenish reflection, a yellow line on each patagia and a yellow transverse mark on the posterior end. Beneath with a golden yellow patch on each side. Abdomen blue-black with a golden yellow ring on the posterior edge of the 2, 3, 4, 6 and 7 segments and a yellow line on each side from the base meeting the first ring. Anal tuft blue-black, narrowly edged with yellow on each side. Legs blue-black, anterior coxæ white on each end; tarsi yellowish on one side. Fore wings transparent bordered with violet black, outer border very broad; transverse mark rather prominent. Hind wings transparent with a narrow violet black outer border. Fore wings beneath as above but with silvery rays between the veins in outer border. Expanse, 20 mm.

♀. Larger and more robust than the male, with rings on abdomen white and with a white ring at base on hind tibiæ. Anal tuft entirely black. Expanse, 25 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♂, 4 ♀ ♀.

Allied to *Sesia basiformis* (*lustrans* Grote).

**Sesia africana**, sp. nov.

Head, thorax and abdomen above metallic green-black. Abdomen beneath whitish. Collar very slightly orange above; palpi beneath pure white; anterior and hind pair of coxæ pure white. Legs green-black, middle and hind pair with white annulations. Fore wings green-black with three small transparent spaces, basal one linear, the one in cell oval, and the one beyond the transverse mark largest and rounded. Hind wings transparent with very narrow outer border. Antennæ long, black. Expanse, 26 and 34 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 2 ♀ ♀.  
Coll. W. J. Holland.

Easily recognized by its uniform color and by the three transparent spaces on the fore wings. It evidently comes near the European *scolieformis*, but has no anal tuft; this may have been worn off.

**Sesia festiva**, sp. nov.

Head black with a minute orange spot at the base of the antennæ, which are black above and brown beneath. Collar golden orange above, white beneath. Palpi white beneath, black above. Thorax brilliant orange red, except in the middle above brownish-black. Abdomen violet black with a white ring on the 4th, 6th and 7th segments. Anal tuft violet black, slightly white in the middle beneath. Legs violet with white tufts; anterior coxæ white. Wings transparent with narrow violet black borders and transverse mark. Hind wings transparent, border very narrow. Wing beneath as above. Expanse, 18 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♂. Coll. W. J. Holland.

May be known by the golden orange red thorax and violet abdomen.

**Sesia albiventris**, sp. nov.

Head black above, front white; palpi white, tip black. Antennæ black; thorax black, white on each side beneath; patagia tipped with white posteriorly. Abdomen black with a metallic green reflection and a narrow white ring on the 4th segment; last segment edged with white, anal tuft black; underside of abdomen white on the 3d, 4th, and 5th segments. Legs black, annulated with white, middle femora and anterior coxæ white. Fore wings violet black with a basal transparent streak and a small spot composed of white scales beyond the middle. Hind wings transparent, border and fringes violet black. Wings beneath as above. Expanse, 11 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♂. Coll. W. J. Holland.

**Sesia olenda**, sp. nov.

Wholly bronzy violet-black above and below, except the fore coxæ, ringlets on legs and palpi white; last joint of palpi black. Fore wings with a very small rounded transparent mark in the cell and a large transparent area beyond the transverse mark. Expanse, 15 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♀. Coll. W. J. Holland.

**Sesia nyanga**, sp. nov.

Head, thorax and abdomen above and below bronzy black, except the last two segments beneath white. Anal tuft bronzy black. Fore wings largely transparent, borders and transverse mark very narrow, black; similar beneath with the costa yellowish. Legs black, middle coxæ white. Expanse, 17 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♀. Coll. W. J. Holland.

**Sesia nuba**, sp. nov.

Head black, front white on each side; antennæ black, ferruginous beneath; palpi with loose hairs, black, white at tip. Thorax and abdomen bronzy black, the latter with a pale, dirty yellowish band on the 2d, 4th, and two last segments, encircling the body; legs black with white ringlets, hind pairs with loose black hairs; fore coxæ white. Fore wings transparent, borders and transverse mark, moderately broad, bronzy black. Hind wings transparent, border narrow, bronzy-black. Expanse, 14 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 2 ♂♂. Coll. W. J. Holland.

One example differs by having the last four segments of the abdomen ringed; the transverse mark on fore wings orange outside, a little

orange on inside of outer border and the patagia finely lined with yellow. The hind tibiæ and tarsi are clothed with rather long hair.

**Sesia malimba**, sp. nov.

Head brown-black, face pale orange-yellow; palpi orange; antennæ black above, orange beneath; thorax brown-black with indication of a fine orange stripe along the patagia. Abdomen brown-black with a broad yellow band on the 2d and 4th segments above, brown beneath. Legs orange, femora brown. Fore wings with transparent areas small, the outer one round, border and transverse mark broad brown-black; rayed with a little orange between the veins on outer part, along inner margin and in the basal transparent area. Underside similar to the above. Hind wings transparent with narrow brown margin. Expanse, 20 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♀. Coll. W. J. Holland.

Allied to *S. mellinipennis*.

**Sesia brillians**, sp. nov.

Head black; palpi orange; antennæ black. Underside of abdomen, thorax and legs orange. Thorax and abdomen above blue-black, the former with a transverse orange mark posteriorly, the latter with an orange ring on 2d segment and 4th and 5th segments orange. Anal tuft blue-black. Fore wings orange, basal half and outer border blackish. In the orange field are two very small opalescent spots, and a similar one in the cell but is a little larger than the rest. Hind wings transparent, outer border broad, and gradually narrowing as it reaches the hind angle, bronzy brown marked with orange inside. Fore wings beneath golden orange, outer part brown-black, spots repeated. Hind wings as above. Expanse, 13 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♂. Coll. W. J. Holland. May be easily known by the orange fore wings with three opalescent spots.

**Sesia tropica**, sp. nov.

Head black; palpi, thorax posteriorly, legs and abdomen above wholly orange; anal tuft blue-black, beneath golden yellow. Thorax anteriorly black. Antennæ brown-black with a white patch before the tip. Fore wings orange, outer part and fringes brown; costa narrowly brown; in the cell is a small triangular space, and an oblong one beyond the transverse mark. Hind wings transparent, border narrow, brown. Fore wings beneath golden yellow at base, gradually becoming brown. Expanse, 13 mm.

*Habitat*: Valley of the Ogowé River, French Congo. 1 ♀. Coll. W. J. Holland.